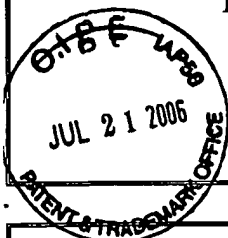




# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)



Attorney Docket No.:  
60097-0027

Application  
Number:  
09/935,426

First Named Inventor:  
David Lockett, et al.

Filing Date:  
August 22, 2001

Group:  
2616

## FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
/RC/		JP	06233234	A	Fujitsu General Ltd.	08-19-1994		
/RC/		JP	04088772	A	Toshiba Corporation	03-23-1992		
/RC/		JP	07250305	A	Hitachi Ltd.	09-26-1995		
/RC/		JP	07111629	A	Hitachi Ltd.	04-25-1995		
/RC/		JP	07131754	A	Ricoh Co. Ltd.	05-19-1995		
/RC/		JP	06245157	A	Mitsubishi Electric Corp.	09-02-1994		
/RC/		JP	4-88772					
/RC/		JP	07264529	A	Hitachi Ltd.	01-13-1995		
/RC/		JP	09233415	A2	IBM Corp.	05-09-1997		
/RC/		WO	92/22983	A2	Browne, H. Lee	12-23-1992		
/RC/		JP	6-245157					
/RC/		JP	7-131754					
/RC/		JP	6-233234					
/RC/		JP	9-233415					
/RC/		JP	7-250305					
/RC/		JP	7-264529					

Examiner  
Signature

/Robert Chevalier/

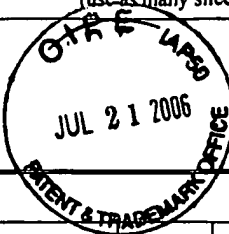
Date Considered

01/15/2008

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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 60097-0027	Application Number: 09/935,426
		First Named Inventor: David Locket, et al.	
		Filing Date: August 22, 2001	
<b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
/RC/		MACWEEK NEWS article entitled, "QuickTime Ready for Prime Time", dated December 10, 1991 (2 pages, numbered TIVO-410797 & TIVO-410798).	
/RC/		HEWLETT PACKARD LABORATORIES Technical Report entitled "UNIX Disk Access Patterns", by Chris Ruemmler and John Wilkes, HPL-92-152, dated December 1992 (pgs. 405-420), © Hewlett-Packard Company 1992.	
/RC/		HARKER, J.M. et al, "A Quarter Century of Disk File Innovation", IBM J. Res. Develop., Vol. 25, No. 5, dated September 1981 (pages 677-690), © International Business Machines Corporation 1981.	
/RC/		WOODHAM, D.J., "HDTV Production: Today and Tomorrow; 'A Solid State Action Replay' Recorder", Symposium Record Broadcast Sessions, System Session P-2, dated June 17, 1989 (8 pages, numbered TIVO-414638 thru TIVO-414645).	
/RC/		HOSPODOR, ANDREW DAVID, "The Effect of Prefetch in SCSI Disk Drive Cache Buffers", Santa Clara University, Dept. of Computer Engineering, dated May 2, 1994 (121 pgs).	
/RC/		Official Action from JP for foreign patent application no. 2003-524253 dated October 19, 2005 (4 pgs) plus 4 pg translation – attached.	
/RC/		Current Claims in JP patent application no. 2003-524253 (3pgs) plus 4 pg. translation – attached.	

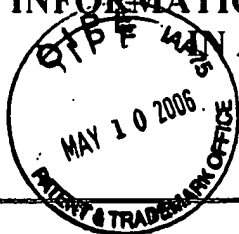
Examiner Signature	/Robert Chevalier/	Date Considered	01/15/2008
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**IN AN APPLICATION**  
**(PTO-1449)**



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Application  
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		Number	Kind Code <sup>2</sup> (If known)			
/RC/		5,648,824		Dunn et al.	07-15-1997	
/RC/		6,400,407	B1	Zigmond et al.	06-04-2002	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
/RC/		WO	92/22983	A2	Browne et al.	12-23-1992		

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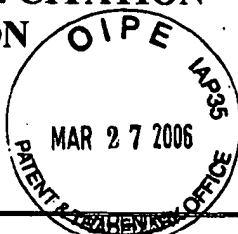
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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)</b>				<b>ATTY. DOCKET NO.</b> 60097-0027		<b>SERIAL NO.</b> 09/935,426	
				<b>APPLICANT:</b> James M. Barton, et al.			



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		Number	Kind Code <sup>2</sup> (If known)				

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
/RC/		EPO	0817483A2		Kabushiki Kaisha Toshiba (JP)	98-07-01		
/RC/		EPO	0726574A2		Matsushita Electronic Industrial Co.	96-14-08		

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/RC/		Office Action from CN for foreign patent application no. 200410056388.3 dated 25 November 2005 (15 pgs) – attached.	
/RC/		Current Claims in CN patent application no. 200410056388.3 (9 pgs) – attached.	

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>(PTO-1449)</b>				<b>Attorney Docket No.:</b> 60097-0027	<b>Application Number:</b> 09/935,426
				<b>First Named Inventor:</b> David Locket, et al.	
				<b>Filing Date:</b> August 22, 2001	<b>Group:</b> 2616

U.S. PATENT DOCUMENTS						
Exam. Initial*	Offic. No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
/RC/		3,682,363		Hull	08-08-1972	**
		3,942,190		Detweiler	03-02-1976	**
		4,141,039		Yamamoto	02-20-1979	**
		4,224,481		Russell	09-23-1980	**
		4,258,418		Heath	03-24-1981	**
		4,313,135		Cooper	01-26-1982	
		4,347,527		Lainez	08-31-1982	**
		4,388,659		Lemke	06-14-1983	**
		4,408,309		Kiesling et al.	10-04-1983	**
		4,423,480		Bauer et al.	12-27-1983	**
		4,439,785		Leonard	03-27-1984	**
		4,506,348		Miller et al.	03-19-1985	**
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		4,602,297		Resse	07-22-1986	
		4,633,331		McGrady et al.	12-30-1986	**
		4,665,431		Cooper	05-12-1987	
		4,688,106		Keller et al.	08-18-1987	
		4,689,022		Peers et al.	08-25-1987	**
		4,706,121		Young	11-10-1987	**
		4,723,181		Hickok	02-02-1988	**
		4,752,834		Koombes	06-21-1988	
		4,755,889		Schwartz	07-05-1988	**
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		4,761,684		Clark et al.	08-02-1988	
		4,789,961		Tindall	12-06-1998	**
/RC/		4,805,217		Morihiro et al.	02-14-1989	**

\*\* Hard Copies of References submitted with IDS filed on 2/22/2006 for 09/827,029

<b>Examiner Signature</b>	/Robert Chevalier/	<b>Date Considered</b>	01/15/2008
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Application  
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		Number	Kind Code <sup>2</sup> (If known)			
/RC/		4,816,905		Tweedy et al.	03-28-1989	
		4,821,121		Beaulier	04-11-1989	**
		4,833,710		Hirashima	05-23-1989	
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		4,897,867		Foster et al.	01-30-1990	
		4,920,533		Dufresne et al.	04-24-1990	
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		4,949,169		Lumelsky et al.	08-14-1990	**
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		4,963,866		Duncan	10-16-1990	**
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		4,979,050		Westland et al.	12-18-1990	**
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		5,001,568		Efron et al.	03-19-1991	**
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		5,057,932		Lang	10-15-1991	**
		5,063,453		Yoshimura et al.	11-05-1991	**
		5,089,885		Clark et al.	02-18-1992	
		5,093,718		Hoarty et al.	03-03-1992	**
V		5,109,281		Koberi et al.	04-28-1992	
/RC/		5,118,105		Brim et al.	06-02-1992	

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Examiner Signature	/Robert Chevalier/	Date Considered	01/15/2008
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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)				Attorney Docket No.: 60097-0027		Application Number: 09/935,426	
				First Named Inventor: David Locket, et al.			
				Filing Date: August 22, 2001			
/RC/		5,126,852		Nishino et al.	06-30-1992	**	
		5,126,982		Yifrach	06-30-1992	**	
		5,130,792		Tindell et al.	07-14-1992		
		5,132,992		Yurt et al.	07-21-1992		
		5,134,499		Sata et al.	07-28-1992	**	
		5,142,532		Adams	08-25-1992		
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		5,168,353		Walker et al.	12-01-1992		
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		5,285,272		Bradley et al.	02-08-1994	**	
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		5,317,603		Osterweil	05-31-1994	**	
		5,317,604		Osterweil	05-31-1994	**	
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		5,361,261		Edem et al.	11-01-1994	**	
		5,371,551		Logan et al.	12-06-1994		
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		5,440,334		Walters et al.	08-08-1995	**	
		5,442,390		Hooper et al.	08-15-1995		
		5,477,263		O'Callaghan et al.	12-19-1995	**	

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/RC/		5,481,542		Logston et al.	01-02-1996	**
		5,488,409		Yuen et al.	01-30-1996	
		5,506,615		Awaji	04-09-1996	**
		5,508,940		Rossmere et al.	04-16-1996	**
		5,513,011		Matsumoto et al.	04-30-1996	
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		5,572,261		Cooper	11-06-1996	
		5,751,371		Shintani	11-19-1996	**
		5,577,190		Peters	11-19-1996	
		5,581,479		McLaughlin et al.	12-03-1996	**
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		5,586,264		Belknap et al.	12-17-1996	**
		5,604,544		Bertram	02-18-1997	**
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		5,614,940		Cobbley et al.	03-25-1997	
		5,615,401		Harscoet et al.	03-25-1997	**
		5,619,247		Russo	04-08-1997	**
		5,625,464		Compoint et al.	04-29-1997	**
		5,629,732		Moskowitz et al.	05-13-1997	**
		5,635,984		Lee	06-03-1997	
		5,659,539		Porter et al.	08-19-1997	
		5,675,388		Cooper	10-07-1997	
		5,696,866		Iggulden et al.	12-09-1997	**
		5,696,868		Kim et al.	12-09-1997	**
		5,701,383		Russo et al.	12-23-1997	
V		5,706,388		Isaka	01-06-1998	
/RC/		5,715,356		Hirayama et al.	02-03-1998	**

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 60097-0027	Application Number: 09/935,426
	First Named Inventor: David Locket, et al.	
Filing Date: August 22, 2001		

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Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
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Examiner Signature	/Robert Chevalier/	Date Considered	01/15/2008
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		<b>First Named Inventor:</b> David Locket, et al.
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		Number	Kind Code <sup>2</sup> (If known)			
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/RC/		6,301,711	B1	Nusbickel	10-09-2001	**

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		Office <sup>3</sup>	Number <sup>3</sup>	Kind Code <sup>3</sup> (If known)				
/RC/		WO	2000/76130	A1	Thomason Multimedia	05-31-2000	**	
/RC/		EP	0594241	A1	Philips Electronics N.V.	10-12-1993	**	
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/RC/		WO	91/03112	A1	Delta Beta Pty Ltd.	08-23-1990	**	
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/RC/		EP	0785675	A2	Kabushiki Kaisha Toshiba	07-23-1997		
/RC/		EP	0726574	A2	Matsushita Electrical Industrial	08-14-1996		
/RC/		EP	0817483	A2	Kabushiki Kaisha Toshiba	01-07-1998		
/RC/								

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<b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b>			
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/RC/		Inside MacIntosh "QuickTime", Apple Technology Library by Apple Computer, Inc., © 1993 (published by Addison-Wesley Publishing Company) 719 pgs.	**
/RC/		Inside MacIntosh "Files", Apple Technology Library by Apple Computer, Inc., © 1992 (published by Addison-Wesley Publishing Company) 532 pgs.	**
/RC/		Inside MacIntosh "Memory", Apple Technology Library by Apple Computer, Inc., © 1992 (published by Addison-Wesley Publishing Company) 303 pgs.	**
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/RC/		Inside MacIntosh "Overview", Apple Technology Library by Apple Computer, Inc., © 1992 (published by Addison-Wesley Publishing Company) 251 pgs.	**
/RC/		Quantum Q500 Series High Capacity 5 ¼" Fixed Disk Drive, Quantum Corporation, © 1983 (2 pgs)	**
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/RC/		Quantum Q2080 Low-Cost, 85 Megabyte Fixed Disk Drive, "85 Mb capacity/40ms average access time", Quantum Corporation, © 1982 (2 pgs)	**
/RC/		OEM Interface Specifications for DSAA-3xxx, "3.5-Inch Hard Disk Drive with ATA Interface, IBM Corporation, © 1994 (65 pgs).	**
/RC/		International Standard ISO/IEC 11172-2:1993(E), (Part 2: Video), Downloaded 6/15/05 (136 pgs).	**
/RC/		International Standard ISO/IEC 11171-3:1993/Cor.1:1996(E), (Part 3: Audio), Downloaded 6/15/05 (159 pgs).	**
/RC/		Hewlett Packard® MPEGscope User's Guide, Hewlett Packard Company © 1997-2000 (282 pgs).	**
/RC/		DiviCom, MP100 User Guide, DiviCom, Inc., © 1996 (97 pgs).	**

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/RC/		Hewlett Packard® MPEGscope Startup Guide, Hewlett Packard Company © 1997-2000 (39 pgs).	**
/RC/		MediaStream by Media4, "Desktop Satellite Multimedia", "The MediaStream Receiver Card", "MediaStream Uplink System", by Media4, Inc. (2 pgs).	**
/RC/		Jim Stratigos et al., Media4 Press Release "Announces Reseller Agreement with AlphaStar Television Networks", Microsoft® and Windows® 95 (3 pgs).	**
/RC/		Jim Stratigos et al., Media4 Press Release "Announces Multimedia Satellite Network for Personal Computers", Microsoft® and Windows® 95 (3 pgs).	**
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/RC/		International Standard ISO/IEC 13818-1:2000(E) "Information Technology – Generic Coding of Moving Pictures and Associated Audio Information: Systems", © ISO/IEC 2000, Downloaded 6/30/05 (173 pgs).	**
/RC/		International Standard ISO/IEC 13818-1:2000/Amd.2:2004(E) "Information Technology – Generic Coding of Moving Pictures and Associated Audio Information: Systems", Amendment 2: Support of IPMP on MPEG-2 Systems, © ISO/IEC 2004, Downloaded 6/30/05 (13 pgs).	**
/RC/		International Standard ISO/IEC 13818-2:2000(E) "Information Technology – Generic Coding of Moving Pictures and Associated Audio Information: Video", © ISO/IEC 2000, Downloaded 6/30/05 (219 pgs).	**
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/RC/		Quantum Fireball 640/1280S Product Manual, Quantum®, Copyright © 1995 by Quantum Corporation (190 pgs).	**

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/RC/		Winston Hodge, et al., "Chapter 7, True Video on Demand vs. Near Video on Demand", delivered at National Cable Television Conference, May 24, 1994 (pps. 103-120).	**
/RC/		Cyril U. Orji, et al., "Design and Configuration Rationales for Digital Video Storage and Delivery Systems", Multimedia Tools and Applications, 9, 275-302 (1992), © 1992 Kluwer Academic Publishers, Boston (pps. 275-302).	**
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/RC/		Douglas T. Anderson, "The Hard Disk Technical Guide", Tenth Revision S-D., February 1994, © 1990, 1991, 1992, 1993, 1994 by Micro House International Inc., (70 pgs).	**

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/RC/		Official Action from CN for foreign patent application no. 02816471.1 dated 21 October 2005 (5 pgs) – attached.	**
/RC/		Current Claims in CN patent application no. 02816471.7 (10 pgs) – attached.	**
/RC/		International Standard ISO/IEC 11172 (MPEG-1 Standard, Part 1: Systems)	
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/RC/		S. Smollar et al., <i>Content-based Video Indexing and Retrieval</i> , IEEE, Summer 1994, pp. 62-72.	
/RC/		J. Meng et al., <i>CVEPS-A Compressed Video Editing and Parsing System</i> , ACM Multimedia '96, Boston MA, pp. 43-53 (ACM 0-89791-671-1/96/1).	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)



ATTY. DOCKET NO.  
60097-0027

SERIAL NO.  
09/935,426

APPLICANT:  
James M. Barton, et al.

FILING DATE:  
August 22, 2001

GROUP:  
2615

## U.S. PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

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/RC/		Official Action from EPO for foreign patent application no. 99 909 867.6-2202 dated 27 December 2005 (5 pgs) - attached.	
/RC/		Current Claims in EPO patent application no. 99 909 867.6-2202 (9 pgs) - attached.	

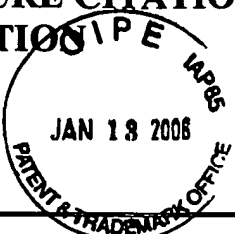
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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(PTO-1449)**



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60097-0027

**SERIAL NO.**  
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**APPLICANT:**  
James M. Barton, et al.

**FILING DATE:**  
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/RC/		Official Action from CN for foreign patent application no. 02816471.1 dated 21 October 2005 (5 pgs) – attached.	
/RC/		Current Claims in CN patent application no. 02816471.7 (10 pgs) – attached.	

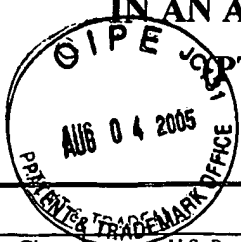
Examiner Signature	/Robert Chevalier/	Date Considered	01/15/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (PPTO-1449)	<b>ATTY. DOCKET NO.</b> 60097-0027	<b>SERIAL NO.</b> 09/935,716
	<b>APPLICANT:</b> James M. Barton, et al.	
	<b>FILING DATE:</b> August 22, 2001	<b>GROUP:</b> 2615



U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
/RC/		U.S. Published Application No. 2005-0132418-A1, published on 6/16/2005.	

<b>Examiner Signature</b> /Robert Chevalier/	<b>Date Considered</b> 01/15/2008
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